

2

Docket No. UF-270C2

Serial No. 10/788,501

In the Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

1-34 (Canceled).

35 (Currently amended). A method for monitoring endogenous compounds in a patient, comprising:

sampling a patient's expired breath;

analyzing the breath for concentration of endogenous compounds using sensor technology;

and

calculating the concentration of endogenous compounds, wherein the endogenous compounds are selected from the group consisting of: hydrocarbons; alcohols; compound is glucose; electrolytes; and oxygenated, chlorinated, and nitrogenated organic chemical compounds.

36-44 (Canceled).